

### **ABSTRACT OF THE DISCLOSURE**

Polypeptide and peptide fragments of CD9 as well as antibodies raised against those fragments of CD9. Uses of polypeptide and peptide fragments of CD9, antibodies, and inhibitors of CD9-related kinases include modifying cell behavior  
5 such as adhesion, motility, proliferation, survival, cell spreading, invasiveness, pericellular FN matrix assembly, and cell-to-cell interaction.